

3.0 ANALYSIS OF IMPACTS TO PUBLIC TRUST RESOURCES AND VALUES

This section of the Analysis of Impacts to Public Trust Resources and Values (APTR) document analyzes the potential impacts to public trust resources and values of the Broad Beach Geological Hazard Abatement District's (GHAD's) proposed Broad Beach Restoration Project (Project). The scope of this section is limited to analyses of the issue areas relevant to public trust resources and values.¹

- Coastal Processes (Section 3.1)
- Marine Water and Sediment Quality (Section 3.2)
- Marine Biological Resources (Section 3.3)
- Terrestrial Biological Resources (Section 3.4)
- Land Use, Recreation, and Public Access (Section 3.5)
- Geological Hazards and Mineral Resources (Section 3.6)
- Air Quality (Section 3.7)
- Aesthetics (Section 3.8)
- Noise (Section 3.9)
- Cultural and Paleontological Resources (Section 3.10)
- Public Health and Safety, Hazards (Section 3.11)
- Utilities and Service Systems (Section 3.12)
- Transportation, Traffic, and Parking (Section 3.13)
- Marine Vessel Safety (Section 3.14)
- Environmental Justice (Section 3.15)

The analysis of each issue area in Sections 3.1 through 3.15 provides the following information.

- *Environmental Setting Pertaining to the Public Trust.* The analysis begins by examining the environmental setting. Potential Project effects are evaluated by comparing the existing setting to any changes to public trust resources and values that would be attributable to Project components and operations.

¹ Public trust resources and values are those that relate to water-related commerce, navigation, fisheries, open space, recreation, and ecological preservation. Section 1.0, *Introduction* provides background on the Public Trust Doctrine and Public Trust lands and resources.

- *Regulations Pertaining to the Public Trust.* Each issue area briefly discusses the Federal, State, and local statutes, regulations, ordinances, policies, and common law relevant to the Project and public trust resources and values.
- *Public Trust Impact Criteria.* The public trust impact criteria provide a benchmark for determining if the Project or a Project component will result in a substantial impact to public trust resources and values when evaluated against the existing setting for each section.
- *Public Trust Impact Analysis and Avoidance and Minimization Measures.* The APTR presents the findings of the impact analysis and lists the impacts identified. Throughout Section 3.0, impact statements are presented inside a text box and identified by a letter-number designation (e.g., **Impact REC-1** is an impact associated with Land Use, Recreation, and Public Access).

When there are potentially substantial impacts to a public trust resource or use thereof, avoidance and minimization measures (AMMs) have been identified that, when implemented, would avoid or reduce the intensity of the identified impacts; these measures may be adopted by the California State Lands Commission as conditions of any lease granted to the GHAD for the Project. The AMMs recommended in the APTR are presented with a letter-number designation (e.g., AMM REC-1a), numbered to be consistent with the impact they were developed to address. The AMMs are also presented in a Monitoring Implementation Program, which is provided in Section 5.0.

Impacts are classified according to one of the following four categories:

Substantial	S	A substantial impact that would remain substantial even with the application of AMMs to avoid or minimize the impact.
Unsubstantial with Implementation of Avoidance or Minimization Measures	UI	Any impact that is considered substantial, but which can be avoided or reduced with the application of identified AMMs. AMMs have been designed and would be enforced in order to reduce the impacts relative to the public trust impact criteria.
Unsubstantial	U	Any impact that is not substantial relative to the public trust impact criteria.
Beneficial	B	The Project would provide an improvement to an issue area in comparison to existing conditions.

In addition to the impact analysis presented in Section 3.0 the APTR includes impact analyses for a series of alternatives to the Project (Section 4.0,

- 1 *Alternatives*). The identification, screening, and evaluation of alternatives are
- 2 provided in Appendix J.